

BICYCLE STEM INCLUDING ENHANCED CLAMP
AND ASSOCIATED METHODS

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Abstract of the Disclosure

A bicycle stem includes a steering tube clamp with a pair of cooperating clamp members defining an imaginary cylinder and a recess therein for the steering tube. Each clamp member may also have at least one fastener receiving passageway therein offset a predetermined distance from an axis defined by the imaginary cylinder. The stem may include a body portion having opposing first and second ends, a handlebar clamping portion connected to the first end of the body portion, and a steering tube clamping portion connected to the second end of the body portion. The steering tube clamping portion may have a tubular shape defining a steering tube receiving passageway therethrough, and a clamp receiving passageway transverse to the steering tube receiving passageway and in communication therewith. The steering tube clamp may also include at least one fastener extending between corresponding fastener receiving passageways of the pair of clamp members for urging the clamp members together to engage the steering tube and thereby secure the bicycle stem to the steering tube. The at least one fastener may be a plurality of fasteners. The fastener receiving passageways may also be canted at a predetermined angle from parallel to the axis of the imaginary cylinder. The recess for the steering tube may also extend for greater than about 90 degrees.

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